1. Area Fill

1. Print out of the image *img22gd2.tif*

Figure 1: img22gd2.tif

2. Print out of the image showing the connected set for s = (67, 45), and T = 2

Figure 2: Connected Set for T = 2

3. Print out of the image showing the connected set for s = (67, 45), and T = 1

Figure 3: Connected Set for T = 1

4. Print out of the image showing the connected set for s = (67, 45), and T = 3

Figure 4: Connected Set for T = 3

5. Listing of C Code: *See Next Page*

2. Image Segmentation

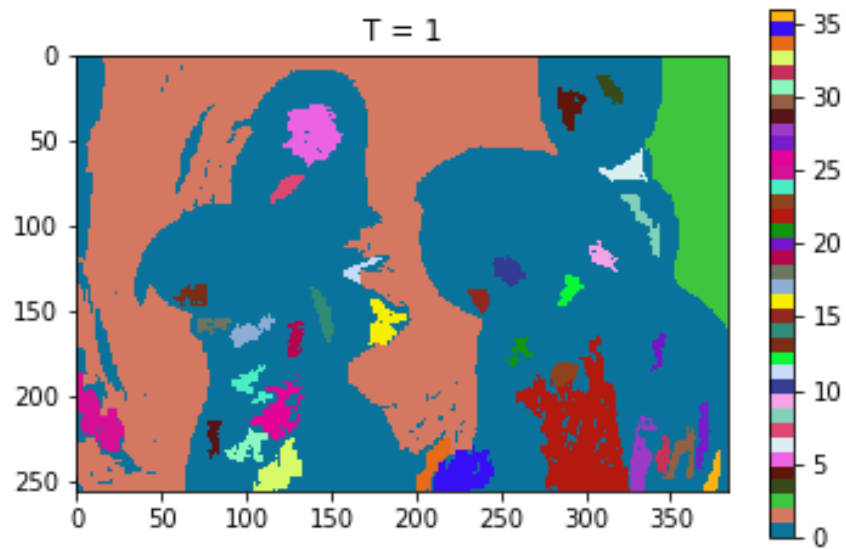1. Print outs of the randomly colored segmentation for T = 1, T = 2, and T = 3
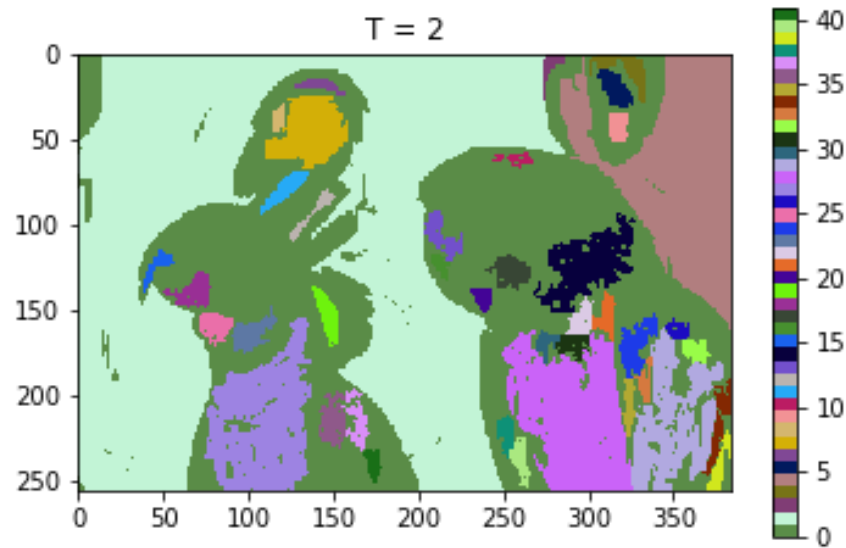

Figure 5: Colored Segmentation for T = 1

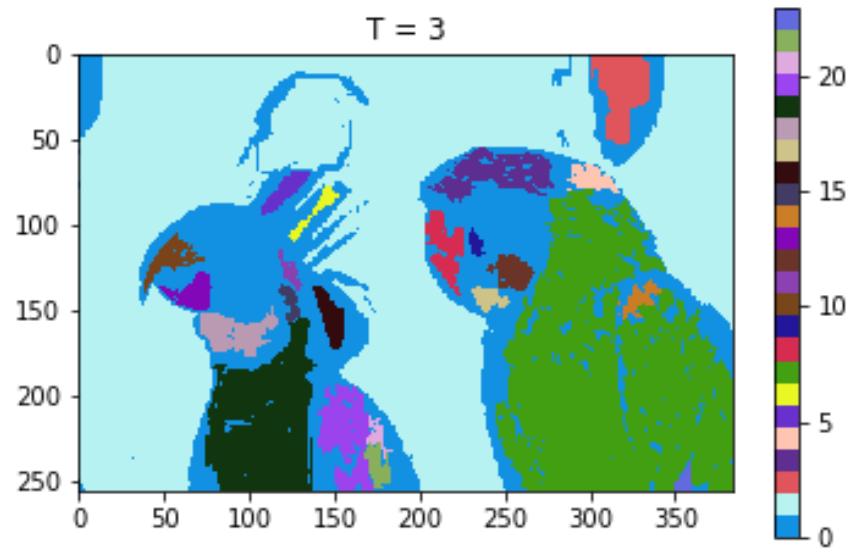*Figure 6: Colored Segmentation for T = 2*

Figure 7: Colored Segmentation for T = 3

2. Listing of the number of regions generated for each of the values of T

Table 1: Pixel Counts

T Value	Region Count
1	36
2	41
3	23

3. Listing of C Code: *See Next Page*